| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| S1 | 6 | "777,476".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/10 18:00 |
| S2 | . 2 | "6631991".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/10 18:08 |
| S4 | 1191 | 398/118-131.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:14 |
| S3 | 7 | "954477".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:14 |
| S5 | 13 | 398/118-131.ccls. and speckle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:17 |
| S7 | 7 | 398/118-131.ccls. and (deep near1 fad\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | ON | 2006/10/11 13:22 |
| S6 | 119 | 398/118-131.ccls. and (turbulence scintillat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:27 |
| S8 | 87 | 398/118-131.ccls. and (turbulence scintillat\$3) and (track\$3 lock\$3 loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:45 |

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| S9 | 213 | speckle and (turbulence scintillat\$3) and (track\$3 lock\$3 loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:46 |
| S10 | 39 | (turbulence scintillat\$3) and (track\$3 lock\$3 loop) same speckle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 14:11 |
| S11 | 35 | (turbulence scintillat\$3) and (track\$3 lock\$3) same speckle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 14:16 |
| S12 | 151 | (track\$3 lock\$3) near3 speckle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2006/10/11 14:17 |
| S13 | 6 | ("3923395" "4047816").PN. OR ("4123651").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 14:37 |
| S14 | 46 | ("3488586" "3794841" "4630254" "5416627" "5526161").PN. OR ("5777768").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 15:06 |
| S16 | 9 | (("3488586" "3794841" "4630254" "5416627" "5526161").PN. OR ("5777768").URPN.) and (track\$3 lock\$3) and (spot speckle pattern) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 15:07 |
| S15 | 19 | (("3488586" "3794841" "4630254" "5416627" "5526161").PN. OR ("5777768").URPN.) and (track\$3 lock\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 15:07 |
| S17 | 9 | (("3488586" "3794841" "4630254" "5416627" "5526161").PN. OR ("5777768").URPN.) and (track\$3 lock\$3) and (spot speckle pattern bright) | US-PGPUB; USPAT; USOCR | OR . | ON | 2006/10/11 15:12 |
| S18 | 8 | (("3488586" "3794841" "4630254" "5416627" "5526161").PN. OR ("5777768").URPN.) and (track\$3 lock\$3) and (spot speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ΟN | 2006/10/11 15:17 |
| S19 | 27 | "398" clas. and (track\$3 lock\$3) and (speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 15:19 |
| S20 | 7 | "398".clas. and (track\$3 lock\$3) same (speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 15:56 |

| S23 | 0 | 398/118-131.ccls. and "wavefront tracking" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:13 |
|-----|----|---|------------------------------|----|----|------------------|
| S22 | 32 | "speckle tracking" and optical | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:13 |
| S24 | 1 | 398/118-131.ccls. and wavefront near2 track\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:14 |
| S25 | 19 | 398/118-131.ccls. and wavefront near2 sens\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:36 |
| S27 | 6 | ("892913".ap.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:43 |
| S26 | 3 | 398/118-131 ccls. and "scintillation pattern" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:43 |
| S29 | 0 | "figure of merit" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:58 |
| S28 | 2 | ("6464364" "6452145").pn | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/11 16:58 |
| S21 | 82 | "speckle tracking" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:17 |
| S30 | 6 | "speckle tracking" and atmospher\$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:18 |
| S32 | 76 | "398".clas. and (speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:21 |
| S34 | 70 | "398".clas. and (track\$3 lock\$3) with (image scintillat\$4 speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:23 |
| S33 | 10 | "398" clas. and (track\$3 lock\$3) with (scintillat\$4 speckle beamlet turbule) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:23 |
| S37 | 20 | "398".clas. and (track\$3 lock\$3) with spot and atmospher\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:37 |
| S36 | 18 | "398".clas. and (track\$3 lock\$3) and hartmann | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:37 |
| S35 | 27 | "398".clas. and (track\$3 lock\$3) with image and atmospher\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:37 |
| S39 | 7 | speckle near1 track\$3 and atmospher\$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 14:55 |

| S31 | 8 | speckle near3 track\$3 and atmospher\$6 | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/01/05 14:55 |
|-----|----|--|------------------------------|----|------|------------------|
| S41 | 66 | speckle near1 track\$3 and (atmospher\$6 scintillat\$3 turbulence air space) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 15:49 |
| S42 | 31 | speckle near1 track\$3 and (atmospher\$6 scintillat\$3 turbulence air space) and (laser optical) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/05 15:50 |